



Chandler • Arizona
Where Values Make The Difference

Civil Engineering Streetlight Plan Review Checklist

Log No.: _____

C.I.P. No.: _____

Project:	
Location:	

Legend	
/	Requirement satisfied.
O	Requirement not satisfied.
?	Unable to determine status, more information is required.
X	Not applicable.

Review #	Reviewed By	Date
1		
2		
3		
4		
5		

The requirements referred to on the checklist can be found within Chapter 48 (Subdivisions) of the City Code and in the City's Technical Design Manuals.

Item	Requirement	Comments
1.	The streetlight plans must be submitted on 24" x 36" sheets. Please resubmit the plans on the correct size sheets.	
2.	The scale must be shown on the plans.	
3.	A north arrow is required on each sheet.	
4.	The name of the proposed development must be shown on the cover sheet.	
5.	A vicinity or site location map is required on the cover sheet.	

Mailing Address:
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Chandler, Arizona 85244-4008

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Development Services Division
Civil Engineering Plan Review Section
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Form No. UDM-07/Folder 470
Rev: 10-12-04

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Item	Requirement	Comments
6.	The developer's name, address, and phone number must be shown on the cover sheet.	
7.	The engineer's name, address, and phone number must be shown on the cover sheet.	
8.	The following current City standard notes must be shown or corrected on the cover or detail sheet: A. General Notes. B. Streetlight Notes (APS). C. Streetlight Notes (SRP).	
9.	Provide a quantity tabulation of the number of streetlight poles on the cover sheet. Quantities must be tabulated separately by phase. Private streetlights must be tabulated separately from public streetlights.	
10.	Please coordinate the plans with all of the appropriate utility companies on the list below. Place a "Utility Coordination Block" on the cover sheet; show the names of the utility companies and the date plans were submitted to each company. Air Products and Chemicals, Inc. Arizona Public Service AT&T Telephone Long Distance COX Cable El Paso Natural Gas Qwest Roosevelt Water Conservation District (RWDC) Salt River Project (Power) Salt River Project (SRVWUA) Southern Pacific Gas Southwest Gas Sprint Telephone Long Distance	
11.	Provide note on plans: The design herein is in conformance with Appendix "SL-A" of the Streetlight Standards. If the design is not in conformance with Appendix "SL-A", provide point-to-point lighting calculations indicating foot-candle levels maintained at 10' intervals between luminaires and across the width of the roadway.	

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Item	Requirement	Comments
12.	<p>Add the following approval block to the cover sheet:</p> <p>A. For Capital Improvement Projects:</p> <p>APPROVED:</p> <p>_____ DIRECTOR OF PUBLIC WORKS DATE</p> <p>_____ CITY ENGINEER DATE</p> <p>B. For all other projects:</p> <p>APPROVED FOR COMPLIANCE WITH CITY CODE:</p> <p>_____ CITY ENGINEER DATE</p> <p>_____ DEVELOPMENT SERVICES ENGINEER DATE</p> <p>_____ CITY TRANSPORTATION ENGINEER DATE</p>	
13.	<p>Include the following certification on plan cover sheet:</p> <p>I hereby certify that setbacks for streetlights on all streets shall be a minimum of 2.5 feet back of curb.</p> <p>_____ REGISTERED PROFESSIONAL DATE ENGINEER</p>	
14.	<p>Add the following on the lower right of the cover sheet over the title block:</p> <p>C.O.C. Log No. (add City log number)</p>	
15.	<p>An index of sheets and map is required.</p>	
16.	<p>The minimum height of all text and symbols must be 0.1" (one-tenth of one inch).</p>	

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Item	Requirement	Comments
17.	Each sheet of the plans must be sealed, including signature and date, by the engineer.	
18.	Provide a legend on the plans identifying the following items: <ul style="list-style-type: none"> A. Luminaire description. <ul style="list-style-type: none"> 1) Local street – 100 watt, 9,500 lumen. 2) Collector street – 150 watt, 16,000 lumen. 3) Arterial street – 250 watt, 30,000 lumen. B. Luminaire mounting height. C. City Standard Detail number for type of pole (SL-1 for most installations, SL-10 for City Center area, SL-16 for decorative pole on local or collector streets, or SL-17 where necessary along arterial streets for clearance from overhead power lines). 	
19.	The following information is required for each existing street within and adjacent to your development. <ul style="list-style-type: none"> A. Name. B. Right-of-way width. C. Improved width of street, typically street centerline to back-of-curb dimensions. 	
20.	The following information is required for each proposed street within and adjacent to your development. <ul style="list-style-type: none"> A. Name. B. Right-of-way width. C. Improved width of street, typically street centerline to back-of-curb dimensions. 	
21.	All existing and proposed waterlines and fire hydrants must be shown.	
22.	Provide dimensional ties to waterlines and fire hydrants where potential conflicts may occur.	
23.	All proposed and existing streetlights within 300' from the first proposed streetlight must be shown with stationing and dimensional ties to the street centerline.	

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Item	Requirement	Comments
24.	Streetlights on lot frontages in residential areas must be located at property lines. Lights on non-frontage conditions may be located by station only.	
25.	Streetlights must be located at all intersections per the City's <i>Technical Design Manual 6 - Streetlight Design</i> .	
26.	Arterial/arterial intersections must have four (4) lights.	
27.	Private streetlights must be labeled as such and must meet public street illumination standards. Refer to the City's <i>Technical Design Manual 6 - Streetlight Design</i> for additional information.	
28.	Complete and submit (with the mylars for final approval) the Certificate of Quantities sealed, including signature and date, by the registered engineer. Submit a separate Certificate of Quantities for each construction phase. Private streetlights must be tabulated separately from public streetlights.	
29.	All phasing must be shown on the plans.	
30.	Coordinate streetlight plan with the engineer preparing other offsite improvement plans.	
31.	Lights in elbows and cul-de-sacs (anywhere other than standard street locations) require radial ties.	
32.	Survey data is required for street centerlines (bearing and distances).	
33.	Provide stations at all intersections and changes of alignment.	

Please return this checklist with the next plan submittal

City Use Only

1. Traffic Engineer review?